(FILE 'HOME' ENTERED AT 16:28:17 ON 19 AUG 2006)


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      FILE 'CAPLUS' ENTERED AT 16:28:26 ON 19 AUG 2006
L1         7767 S U(3A)SHAP?
L2      1418125 S ETCH? OR PATERN? OR REMOV?
L3         8600 S (HE OR HELIUM)(8A)(O2 OR OXYGEN OR O(W)SUB(W)2)
L4        18729 S TAPER?
L5         1393 S L2(10A)(L1 OR L4)
L6            4 S L3 AND L5


      FILE 'JAPIO' ENTERED AT 16:29:40 ON 19 AUG 2006
L7            1 S L6


      FILE 'INSPEC' ENTERED AT 16:29:57 ON 19 AUG 2006
L8            1 S L6


      FILE 'USPATFULL' ENTERED AT 16:30:22 ON 19 AUG 2006
L9          171 S L3(P)L5
L10     1312147 S ANISOTROPIC? OR VERTICAL?
L11         168 S L9(10A)L10
L12       81116 S L2(10A)L10
L13         108 S L9(P)L12
L14        1679 S POSTETCH? OR POST(W)ETCH?
L15           0 S L13(P)L14
L16           0 S L9(P)L14
L17      424869 S PLASMA? OR SPUTTER? OR CORONA? OR RIE OR MRIE OR MERIE OR GLO
L18          49 S L13(P)L17
L19          74 S L13(P)POLY?
L20          18 S L19(P)L18
L21          87 S (L19 OR L18) NOT L20


      FILE 'CAPLUS' ENTERED AT 16:34:19 ON 19 AUG 2006
L22        3017 S U(8A)L2
L23           6 S L3 AND L22
L24           5 S L23 NOT L6


      FILE 'JAPIO' ENTERED AT 16:34:52 ON 19 AUG 2006
L25           0 S L24


      FILE 'INSPEC' ENTERED AT 16:35:03 ON 19 AUG 2006
L26           2 S L24


      FILE 'USPATFULL' ENTERED AT 16:35:21 ON 19 AUG 2006
L27       88979 S (U(3A)SHAP?)/CLM
L28      671642 S (ETCH? OR PATERN? OR REMOV?)/CLM
L29       81684 S (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR MRIE OR MERIE OR GL
L30      112861 S TAPER?/CLM
L31        1773 S ((HE OR HELIUM)(8A)(O2 OR OXYGEN OR O(W)SUB(W)2))/CLM
L32         186 S (POSTETCH? OR POST(W)ETCH?)/CLM
L33        3853 S (L27 OR L30)(10A)L28
L34         144 S L33 AND L31
L35          50 S L34 AND L29
L36           5 S L35 NOT (L19 OR L18)
L37          40 S L34 NOT (L35 OR L19 OR L18)
              SET HIGH OFF
L38           4 S L37 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
              SET HIGH ON
L39           4 S L37 AND L38


      FILE 'CAPLUS' ENTERED AT 16:41:14 ON 19 AUG 2006
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L40          32 S HEO2
L41           1 S L5 AND L40


     FILE 'JAPIO' ENTERED AT 16:41:56 ON 19 AUG 2006
L42           0 S L41


     FILE 'INSPEC' ENTERED AT 16:42:08 ON 19 AUG 2006
L43           0 S L41


     FILE 'USPATFULL' ENTERED AT 16:42:23 ON 19 AUG 2006
L44         136 S L33(P)(L31 OR L40)
                 SET HIGH OFF
L45           0 S L44 AND L38
L46           0 S L45 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
L47          46 S L44 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
                 SET HIGH ON
L48          46 S L44 AND L47
L49         144 S L33 AND (L31 OR L40)
                 SET HIGH OFF
L50          54 S L49 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
                 SET HIGH ON
L51          54 S L49 AND L50
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